

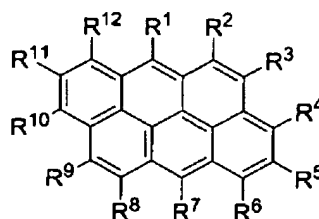
Appl. No. 10/807,099
Amdt. Dated, 22 June 2006
Reply to Office Action of 24 March 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended). An organic EL device, comprising an anode and a cathode, and at least one organic luminescent layer doped with a non-aggregate luminescent [a] compound of the formula:



positioned between said anode and said cathode, and wherein:

R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² are individual substituents, each substituent is an individual group selected from the group consisting of hydrogen, halogens, and groups that contain 1 to 48 carbon atoms, and at least one group is not hydrogen, further, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is not an arylamino group.

Claim 2 (Currently amended). The EL device according to [compound of the claim] Claim 1, comprising said compound wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is the individual group consisting of hydrogen, or alkyl of from 1 to 48 carbon atoms, and R₂ and R₃, R₅ and R₆, R₈ and R₉, R₁₁ and R₁₂ can connect to form a 5 or 6 member ring system.

Claim 3 (Currently amended). The EL device according to [compound of the claim] Claim 1, comprising said compound wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is the individual group consisting of aryl or substituted aryl of from 5 to 48 carbon atoms, or 4 to 48 carbon atoms necessary to complete a fused aromatic ring of naphthenyl, anthracenyl, pyrenyl, or perylenyl.

Claim 4 (Currently amended). The EL device according to [compound of the claim] Claim 1, comprising said compound wherein R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² is the individual group consisting of heteroaryl or substituted heteroaryl of from 5 to 24 carbon atoms, or 4 to 48

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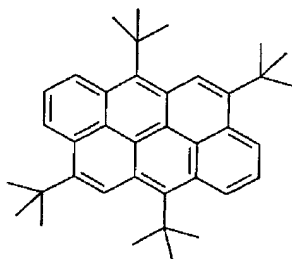
carbon atoms necessary to complete a fused heteroaromatic ring of furyl, thienyl, pyridyl, quinoliny or heterocyclic system.

Claim 5 (Currently amended). The EL device according to [compound of the claim] Claim 1, comprising said compound wherein $R^1, R^2, R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}, R^{11}$ and R^{12} is the individual group consisting of alkoxy, amino, alkyl amino, dialkyl amino, or diaryl amino of from 1 to 24 carbon atoms.

Claim 6 (Currently amended). The EL device according to [compound of the claim] Claim 1, comprising said compound wherein $R^1, R^2, R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}, R^{11}$ and R^{12} is the individual group consisting of F, Cl, Br, I, CN, NCS, NCO, $B(OH)_2$, $B(OCH_2CH_2O)$, $B[OC(CH_3)_2C(CH_3)_2O]$, $SO_2 R^{13}$, $SO_3 R^{14}$, SO_2NR_2 , SiR_3 , $SiHR_2$, SiR_2OH , where R, R^{13} and R^{14} is hydrogen, chlorine, bromine, alkyl group containing 1-12 carbon atoms, or aryl.

Claim 7 (Currently amended). The EL device according to [compound of the claim] Claim 1, comprising said compound wherein $R^1, R^2, R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}, R^{11}$ and R^{12} is the individual group consisting of a group of formula $-L(CH_2)_nR^{15}$ where n is 0 to 12, R^{15} is a hydrogen, hydroxy, amino, alkylamino, dialkylamino, $-COR^{16}$ or $-COOR^{17}$ where R^{16} is a hydrogen, chlorine, COCl, alkyl group containing 1-12 carbon atoms, $-NR_2$, $-NHR$ or aryl and R^{17} is a hydrogen, alkyl group containing 1-12 carbon atoms, aryl, COR, 2,4-dinitrophenyl, N-imido or $-NR_2$ and L is a direct bond or $C=O$.

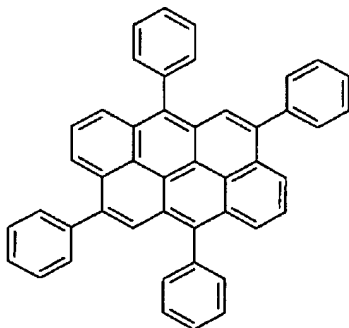
Claim 8 (Original). The EL device according the claim 1, wherein said compound is:



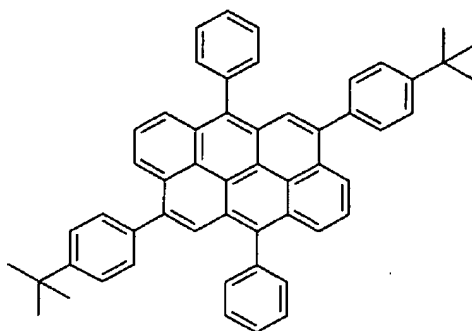
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Claim 9 (Original). The EL device according the claim 1, wherein said compound is:



Claim 10 (Original). The EL device according the claim 1, wherein said compound is:



Claim 11 (Original). The EL device according the claim 1, wherein said compound is:

